

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method comprising:
receiving a list of servers in a network for display on a viewing system;
registering information with a service provider by a viewer using the viewing system for storage and later use, the information including a preferred order of edge servers for routing content to a viewer;
receiving a request by the viewer for the content; and
in response to the viewer requesting the content, accessing the information after storage, and selecting one of the edge servers to be a selected edge server to receive and to transmit the content to the viewer via the network, the one of the edge servers being automatically selected by the service provider based on the information provided by the viewer.
2. (Previously Presented) The method of claim 1 wherein the registering of the information comprises registering addresses of each of the edge servers with the service provider.
3. (Cancelled).
4. (Previously Presented) The method of claim 2 wherein the information further comprises a unique identifier (ID).
5. (Original) The method of claim 4 wherein the unique (ID) is one of a global user ID number, a network interface card (NIC) serial number, and a number provided by the service.
6. (Previously Presented) The method of claim 2 further comprising receiving a registration number along with the request, the registration number being assigned by the service provider and used to select the selected edge server.

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

7. (Cancelled).
8. (Cancelled).
9. (Cancelled).
10. (Previously Presented) The method of claim 1 wherein the information comprises a plurality of addresses corresponding to each of the edge servers.
11. (Original) The method of claim 1 further comprising updating the information.
12. (Original) The method of claim 1 wherein the information is geographic information of the viewer.
13. (Original) The method of 1 further comprising storing a server location at a viewer location.
14. (Previously Presented) The method of claim 1 further comprising storing the information in a text file, the information being given to a browser by the selected edge server.
15. (Previously Presented) The method of claim 14 further comprising sending the text file to the edge server when a page is requested from the edge server.
16. (Original) The method of claim 14 wherein the text file is a cookie identifying a viewer.
17. (Cancelled).
18. (Original) The method of claim 1 wherein the network is one of a Local Area network (LAN) and a Wide Area Network (WAN).

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

19. (Original) The method of claim 1 wherein the network is a network indicating a type of a connection.

20. (Original) The method of claim 19 where the type is one of a Dense Wavelength Division Multiplexing (WDM), a Asynchronous Transfer Mode (ATM), an Ethernet, and a dial up modem.

21. (Currently Amended) A computer program product comprising:
a ~~machine-useable~~processor readable medium having computer program code embedded therein, the computer program product having:

computer readable program code for registering a plurality of edge servers with a service provider and for receiving information, from a viewer requesting multimedia information, identifying the plurality of edge servers to route the multimedia information to the viewer, the information being obtain from a viewable list of servers of a network including the plurality of edge servers;

computer readable program code to perform periodic checks prior to requesting multimedia information for a connection quality to plurality of edge servers;

computer readable program code for selecting an edge server of the plurality of edge servers based on the received information and the connection quality measured; and

computer readable program code for transmitting the multimedia information from the selected edge server to a viewer via a network.

22. (Cancelled).

23. (Original) The computer program product of claim 21 wherein the information comprises an address.

24. (Previously Presented) The computer program product of claim 23 wherein the information further comprises a unique identifier (ID).

App!. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

25. (Previously Presented) The computer program product of claim 24 wherein the unique (ID) is one of a global user ID number, and a network interface card (NIC) serial number.

26. (Previously Presented) The computer program product of claim 21 further comprising computer readable program code for receiving a registration number from a service provider, the registration number being provided by the viewer when requesting the multimedia information.

27. (Original) The computer program product of claim 21 wherein receiving the information comprises computer readable program code for gathering one of a local information and a viewer location.

28. (Previously Presented) The computer program product of claim 27 further comprising computer readable program code for confirming the viewer location.

29. (Previously Presented) The computer program product of claim 21 wherein the information comprises a plurality of addresses.

30. (Previously Presented) The computer program product of claim 29 wherein the plurality of addresses correspond to a plurality of edge servers.

31. (Original) The computer program product of claim 21 further comprising computer readable program code for updating the information.

32. (Original) The computer program product of claim 21 wherein the information is geographic information of the viewer.

33. (Original) The computer program product of 21 further comprising computer readable program code for storing a server location at a viewer location.

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

34. (Previously Presented) The computer program product of claim 21 further comprising computer readable program code for storing the information in a text file, the information being given to a browser by the edge server.

35. (Previously Presented) The computer program product of claim 34 further comprising computer readable program code for sending the text file to the edge server when a page is requested from the edge server.

36. (Original) The computer program product of claim 34 wherein the text file is a cookie identifying a viewer.

37. (Cancelled).

38. (Original) The computer program product of claim 31 wherein the network is one of a Local Area network (LAN) and a Wide Area Network (WAN).

39. (Original) The computer program product of claim 31 wherein the network is a network indicating a type of a connection.

40. (Original) The computer program product of claim 39 where the type is one of a Dense Wavelength Division Multiplexing (WDM), a Asynchronous Transfer Mode (ATM), an Ethernet, and a dial up modem.

41. (Currently Amended) An apparatus comprising:
a receiver to receive information to identify a plurality of edge servers selected by a viewer, upon review of a list of servers displayed at a viewing system of the viewer, for routing information to the viewer and to register the plurality of edge servers with a service provider;
a selector coupled to the receiver to select an edge server of the plurality of edge servers based on the received information and prior periodic checks of a connection quality to the plurality of edge servers; and

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

a transmitter coupled to the selector to transmit multimedia information from the selected edge server to the viewer via a network.

42. (Cancelled).

43. (Previously Presented) The apparatus of claim 41 wherein the information comprises an address.

44. (Original) The apparatus of claim 43 wherein the information further comprises a unique identifier (ID).

45. (Previously Presented) The apparatus of claim 44 wherein the unique (ID) is one of a global user ID number and a network interface card (NIC) serial number.

46. (Previously Presented) The apparatus of claim 41 wherein the received information comprises a registration number obtained by the viewer from the service provider and provided by the viewer when requesting the multimedia information.

47. (Cancelled).

48. (Cancelled).

49. (Original) The apparatus of claim 41 wherein the information comprises information on a plurality of addresses.

50. (Previously Presented) The apparatus of claim 49 wherein the plurality of addresses corresponds to the plurality of edge servers.

51. (Cancelled).

Appl. No. 09/675,756
Amdt. Dated 08/21/2006
Reply to Office action of 04/21/2006

52. (Original) The apparatus of claim 41 wherein the information is geographic information of the viewer.

53-80. (Cancelled).